

MOVABLE MOUNTING BED APPARATUS OF SPRING FORMING MACHINE

ABSTRACT OF THE DISCLOSURE

A movable mounting bed apparatus of a spring forming machine includes a mounting bed, a mounting bed base, a servomotor, a shaft coupling, a ball screw, a screw seat, four sliding seats, two linear sliding rails, a sliding rail base, a wire feeding apparatus supporting base, a foundation, a wire feeding apparatus and six forming apparatuses. The four sliding seats mounted to the bottom of the mounting bed base are engaged with the two linear sliding rails mounted to the sliding rail base. When the servomotor rotates, the ball screw is driven to make the mounting bed base and thus the mounting bed movement forwards and backwards along the linear sliding rail for adjusting the axial finishing space of the working center of the mounting bed. Therefore the forming apparatuses mounted onto the mounting bed can directly manufacture a special spring with an extension portion.